Math 112
LQuiz 04

2022–01–20 (R)

Your name: _____

Exercise

Consider the function

$$f : [3, +\infty) \to \mathbf{R} \qquad\qquad \text{given by} \qquad\qquad f(x) = \sqrt{x^2 - 9}$$

where as usual $\mathbf{R}$ denotes "all real numbers". Find the derivative function f'. Be sure to specify its domain and codomain, in addition to the rule(s) of assignment.